

DATE

Geneva Switzerland, Wednesday,
March 6, 2024

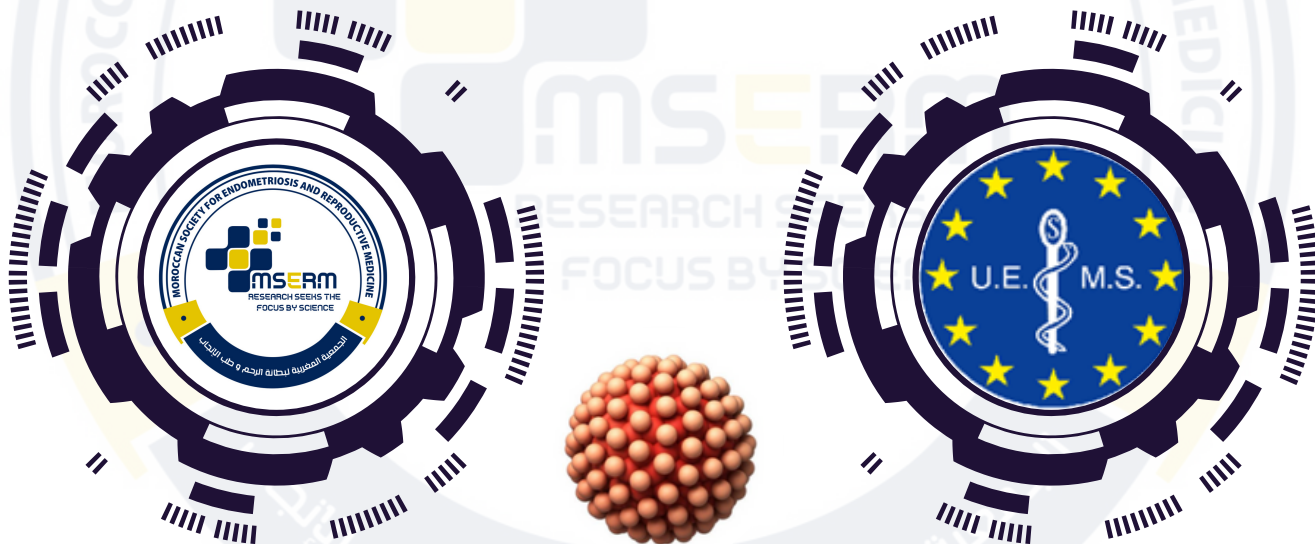
MSERM Diploma

Casablanca, Morocco



Diploma Of Clinical Embryology, Reproductive Genetic & Andrology (DERGA) 2024 - 2026

Accredited by EUMS"



Training Centre :
Labomac IVF- Institute & IRIFIV



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Diploma Of Clinical Embryology, Reproductive Genetic & Andrology (DERGA) 2024 - 2026

The MSERM designed to bolster the careers of those already working in the field our Experience in Clinical Embryology at Training Centre : Labomac IVF- Institute & IRIFIV Centre, is an internationally recognised qualification providing superb academic and professional development.

Overview

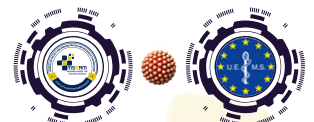
Building on your existing knowledge and experience, the course offers advanced learning and establishes good practice in clinical embryology and the field of assisted reproductive technologies, through a series of compulsory modules you'll develop your knowledge of both the theory and practice of clinical embryology.

The MSERM Experience

Our Experience in Clinical Embryology at Training Centre : Labomac IVF- Institute & IRIFIV Centre, was the first distance learning postgraduate course in clinical embryology, established in 2021. Since then several hundred students, from many different countries, have attended, the course leader is Dr.Noureddine LOUANJLI Course lecturers include staff from the Training Centre :Labomac IVF- Institute & IRIFIV Centre, and a variety of external speakers have been involved with the programme including International speakers, Centre for Reproductive Medicine



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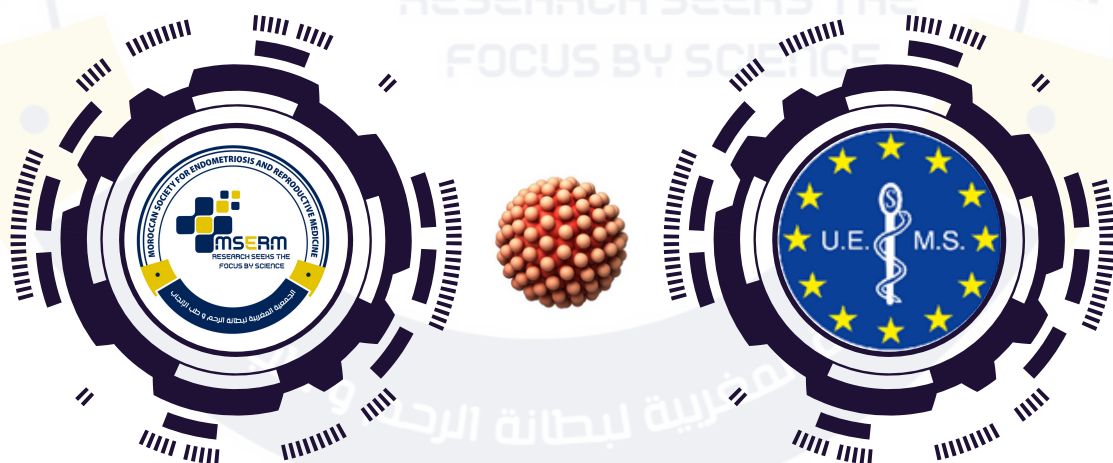
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Diploma Of Clinical Embryology, Reproductive Genetic & Andrology (DERGA) 2024 - 2026

General requirements

- A bachelor degree with a 2:2 (hons) in a biological or related science or equivalent qualification.
- We will also consider applicants with appropriate or accredited experience within an embryological laboratory.
- You should be employed in a laboratory practising clinical embryology and with an employer who supports you in allowing time for study.
- You must also have access to email and the internet.



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This Hybrid course will provide an easily accessible and detailed content in the field of basic and advanced ART laboratory techniques as well as provide critical basic science and background information. This course will provide a common knowledge set appropriate for the broad range of health care professionals involved in the treatment of the infertile couple that proceeds to ART, provide training in the assessment of parameters of gametes and embryos, laboratory technologies, and laboratory management as well as assisting embryologists in identifying strategies for improving the IVF laboratory.

Introduction

Undergo an entrance examination before final registration in his MSERM diplomas

Modality: Attend in person

Duration: 2 Years

Certificate: MSERM Medical Society

Dedication: 400 Hours

Schedule: at your own pace

CPD Credits 40

Exams: Theoretically at the training center and practically at the online exam center.

Fees for MSERM Diploma: Senior Clinical Embryology, Reproductive Genetic & Andrology (DERGA) 2024 I: 4000 Euros



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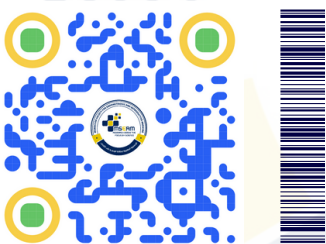


Diploma Of Clinical Embryology, Reproductive Genetic & Andrology (DERGA) 2024 - 2026

The learning process uses a mix of various methodologies including interactive lectures, small group learning, seminars and assignments, demonstrations, laboratory rotations, hands-on training on lab equipment, and dissertations.

Eligibility: Master's degree in life sciences, Zoology, biochemistry, microbiology, applied microbiology, biotechnology, genetics, molecular biology, Clinical Embryology, Ph.D, MBBS, MD, BDS, BVSc
Certificate: Yes

Enrollment options

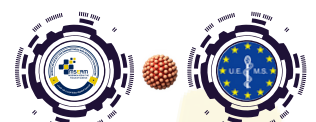


MSERM Diploma: Clinical Embryology, Reproductive Genetic & Andrology (DERGA)

The students are expected to achieve the following core competencies through this program:



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Diploma Of Clinical Embryology, Reproductive Genetic & Andrology (DERGA) 2024 - 2026

First year: 3000 euros

Second year: 1000 euros + 50 euros diploma course fees

Diploma copy fee: 50 euros

Residence fee for the general practitioner: 3,900 euros (You are free to choose your residence from our association or elsewhere...)

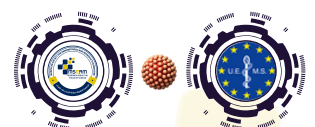
Residence card fees in Morocco Duration of study: 200 euros (mandatory).

Course Name: MSERM Diploma: Clinical Embryology, Reproductive Genetic & Andrology (DERGA)

Clinical Embryology is a rapidly developing branch of reproductive science that started with the birth of the first test tube baby in 1978 and is now recognized as Assisted Reproductive Technology (ART).

Embryologists are practitioners who provide complex, regulated laboratory techniques that allow identifying the cause of infertility at the acellular level by analyzing the gametes, processing of gametes, isolating and culture of embryos, etc., which form the backbone of treatment modalities for infertile couples.

LABOMAC LABS & IRIFIV CENTRE is one of the very few centers in the country to offer a full-time 2-years program in Embryology.



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Reproductive Biology

Supervisors in the trainees' study

Pr. Joyce Harper, UK
Dr. Nouredine Louanjli, Morocco
Dr. Xavier P. Villard, France
Prof. Moncef Benkhalifa, France
Dr. Debbie Montjean, Canada
Dr. Halil Russo, Turkey
Dr. Ashraf Vermani, Italy
Dr. Nuria Correa, Spain
Dr. Ertug Kovanci, USA
Dr. Christophe Blockeel, Belgium
Dr. Martin Mienkina, Austria
Dr. Stasa Stankovic, UK
Dr. Tina Buchholz, Germany
Dr. Michal Grynberg, France
Dr. Dick Schoot, The Netherlands
Dr. David Gardner, Australia
Dr. Evelyn Telfer, UK

Dr. Katsuhiko Hayashi, Japan
Dr. Alejandro Chavez-Badiola, Mexico
Dr. David Albertini, USA
Dr. Amander Clark, USA
Dr. Nino Guy Cassuto, France
Dr. Nicolas Plachta, USA
Dr. Kyle Orwig, USA
Dr. Ana Cobo, Spain
Dr. Ben Mol, Australia
Pr. Medhat Amer, Egypt



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Reproductive Genetics

Pr. Ilham Ratbi , Morocco
Dr. Carlos Simon, Spain
Dr. Gerald Schatten, USA
Dr. Svetlana Madjunkova, Canada
Dr. Tamanna Mohammadi, Denmark
Dr. Charles Bormann, USA
Dr. Nathan Treff, USA
Dr. Alpesh Doshi, UK
Dr. Abdelhafid Natiq, Morocco

Reproductive Andrology

Dr.Denny Sakkas, USA
Dr.Heba Mahdy, Canada
Dr. Ege Can Şerefoğlu, Turkey
Dr. Uğur Değer, Turkey
Dr. Adam Ramsey, MD, USA
Pr. Richard Anderson, UK
Dr. John Belmont, USA
Dr. Enric Mestres, Spain
Dr. Tristan Hardy, Australia
Dr. Alfred O. Mueck, Germany
Prof. Elias M. Dahdouh, Canada



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Professional training centre: Labomac IVF-Training Institute

President of Labomac IVF- Training
Institute

Dr. Nouredine LOUANJLI



The training team at the Labomac
IVF Institute consists of:

Dr. MBAYE MODOU MAMOUNE
M. ZAKARIA ACHRAF
M. GOUJET HAMZA
Mme. ADA EDOU REINE ROLANDE
Mme. MOHAMEDNUR SAEEDI
Mme. KABIR-IDRISSI CHAYMAA
Mme. MOUNA BOUNAIL
Mme. NOMEIR HASNA
Mme. SAJID NAJWA
Mme. BENALLOUC FATIMA ZAHRA
Mme HILALI CHAIMAE
Mme. AZIL SOUKAYNA
Mme. KABBOUR MARIAME



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Objectives Overview of the "SIG-E" Embryology:

- To organize and promote educational activities, and disseminate the latest high-quality research related to Clinical Embryology for Reproductive Scientists and Clinical Embryologists
- To promote, support, and develop the profession of Clinical Embryology
- To contribute to the development of the MSERM Certification for Embryologists
- To develop and update sources of knowledge for embryologists (e.g. the online Workshop of Embryology)
- To support young researchers, embryologists, practitioners, and all those with an interest in Clinical Embryology in their development and career path
- To date, the SIG has focussed on organizing Pre-congress Courses and Workshops in embryology, developing a SIG-E of embryology, producing consensus guidelines for laboratories in clinical embryology, and setting up a Certification for Embryologists. These have been valuable contributions to the community of clinical embryologists.

The Chairman SIG-E embryology board
Dr. Noureddine LOUANJLI – Morocco



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Program Diploma

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Program: Start Date
Reproductive Biology

Tue; 1st October, 2024

- MSERM - L1: Female Reproductive Anatomy and Physiology
- MSERM - L2: Male Reproductive Anatomy, Physiology, & Spermatogenesis ----- Tue; 1st October, 2024
- **Internal training**
- Labomac Laboratory ----- Wed 2ed October, 2024
- Two-session exam Online -----Thu, 31th October, 2024
- MSERM - L3: Primordial Germ Cells and Oogenesis
- MSERM - L4: Fertilization and Early Embryo Development
- MSERM - L5: Implantation ----- Mon; 4th Nov, 2024
- **Internal training**
- Labomac Laboratory ----- Tue 5th Nov, 2024
- All-sessions exam Online-----Fri, 29th Nov, 2024

DNA, Chromosomes, and Reproductive Genetic Testing

- MSERM - L6: DNA/Chromosome Structure and Gene Expression
- MSERM - L7: Embryo Biopsy
- MSERM - L8: Preimplantation Genetic Testing
- MSERM - L9: Mosaicism in Humans
- MSERM - L10: Epigenetics ----- Mon; 2nd Dec, 2024
- **Internal training**
- Labomac Laboratory ----- Tue 3rd Dec, 2024
- All-sessions exam Online-----Tue, 31th Dec, 2024



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Assisted Reproductive Technology Procedures – Basic

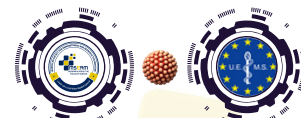
- MSERM - L11: Stimulation Protocols
- MSERM - L12: Culture Media and Conditions, Part 1
- MSERM - L13: Culture Media and Conditions, Part 2
- MSERM - L14: Microbial Contamination of IVF Cultures
- MSERM - L15: Oocyte Retrieval ----- Wed; 1st Jan, 2025
- **Internal training**
- Labomac Laboratory ----- Tue 2ed Jan, 2025
- All-sessions exam Online -----Thu, 31th Jan, 2025

ART & Spermology

- MSERM - L16: Semen Collection
- MSERM - L17: Sperm Preparation
- MSERM - L18: IIVF Insemination ----- Mon; 3rd Feb, 2025
- **Internal training**
- Labomac Laboratory ----- Tue 4th Feb, 2025
- Two-session exam Online-----Fri, 28th Feb, 2025

Fertilization Assessment

- MSERM - L19: Changeover Day Fertilization Assessment
- MSERM - L20: Cleavage-Stage Embryo Grading
- MSERM - L21: Blastocyst Development and Grading
- MSERM - L22: Embryo transfer
- MSERM - L23: Third-party Reproduction - Mon; 3rd Mar, 2025
- **Internal training**
- Labomac Laboratory ----- Tue 4th Mar, 2025
- All-sessions exam Online-----Fri, 28th Mar, 2025



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ART Procedures – Advanced - Part 1

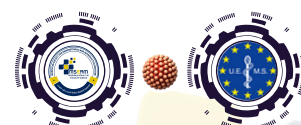
- MSERM - L24: Cryopreservation
- MSERM - L25: Vitrification
- MSERM - L26: Management of Cryopreserved Gametes and Embryos ----- Mon; 1st Apr, 2025
- **Internal training**
- Labomac Laboratory ----- Tue 2ed Apr, 2025
- All-sessions exam Online -----Tue, 30th Apr, 2025

ART- Procedures – Advanced - Part 2

- MSERM - L27: Time-lapse Imaging Morphometry (TLIM)
- MSERM - L28: Assisted Hatching
- MSERM - L29: In Vitro Maturation ----- Wed; 1st May, 2025
- **Internal training**
- Labomac Laboratory ----- Thu, 2nd May, 2025
- All-sessions exam Online-----Fri, 31th May, 2025

ART- Procedures – Advanced - Part 3

- MSERM - L30: Infectious Disease
- MSERM - L31: OMICS 101
- MSERM - L32: Micromanipulation Toolmaking
- MSERM - L33: Nstruments handling
- MSERM - L34: Culture creation ----- Mon; 3rd Jun, 2025
- **Internal training**
- Labomac Laboratory ----- Tue 4th Jun, 2025
- All-sessions exam Online-----Fri, 28th Jun, 2025



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Instruments handling

- MSERM - L35: Trouble Shooting
- MSERM - L36: Setting up a Lab
- MSERM - L37: Quality Control
- MSERM - L38: Research ----- Tue; 1st Jul, 2025
- **Internal training**
- Labomac Laboratory ----- Wed 2ed Jul, 2025
- Research and prepare two research articles -----Thu, 31th Jul, 2025

Intensive training in the Andrology Labs - Part 1

- MSERM - T01: Basic Semen Analysis
- MSERM -T02: Semen Collection
- MSERM - T03: Quality Control and Regulatory Compliance ----- Fri; 1st Aug, 2025
- **Internal training**
- Labomac Laboratory ----- Mon, 4-7th Aug, 2025

Intensive training in the Andrology Labs - Part 2

- MSERM - T04: Personnel and Equipment
- MSERM - T05: Advanced Semen Analysis
- MSERM - T06: Intrauterine Insemination
- MSERM - T07: The ICSI Procedure
- MSERM - T08: Sperm Cryopreservation Methodology
- MSERM - T09: Treatment of HIV-Positive Males ----- Mon; 1st Sep, 2025
- **Internal training**
- Labomac Laboratory ----- Tue 2th - 5th Sep, 2025



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EXAM - Part 1 ----- Wed; 1st Oct, 2025

Intensive training in Reproductive Genetics - Part 1

- MSERM - T10: Genetics of Pregnancy Loss and Infertility
- MSERM -T11: Preimplantation Genetic Testing
- MSERM - T12: Mosaicism in Reproductive Medicine

----- Mon; 3rd Nov, 2025

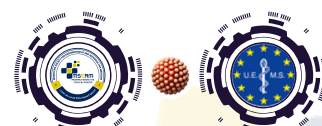
- **Internal training**
- Labomac Laboratory ----- Tue, 4-7th Nov, 2025

Intensive training in Reproductive Genetics - Part 2

- MSERM - T13: Molecular Technologies
- MSERM -T14: Quandaries in Embryo Selection
- MSERM - T15: Quandaries in Embryo Selectionanalysis

----- Mon; 1st Dec, 2025

- **Internal training**
- Labomac Laboratory ----- Tue, 2-5th Dec, 2025



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Intensive training in the IVF laboratory - Part 1

- MSERM - T16: Cryobiology and Cryopreservation
- MSERM -T17: Micromanipulation
- MSERM - T18: Fundamentals of Clinical Embryology

----- Mon; 5th Jan, 2026

- **Internal training**
- Labomac Laboratory ----- Tue, 6-9th Jan, 2026

Intensive training in the IVF laboratory - Part 2

- MSERM - T19: Ethics and Law for Embryologists
- MSERM -T20: IVF and Embryo Culture
- MSERM - T21: Assisted Reproductive Technology (ART).

----- Mon; 2nd Feb, 2026

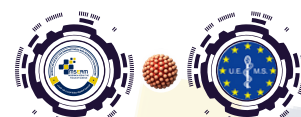
- **Internal training**
- Labomac Laboratory ----- Tue, 3-6th Feb, 2026

Laboratory Management Part 1

- MSERM - L40: The IVF Laboratory
- MSERM - L41: Quality Control
- MSERM - L42: Laboratory Safety
- MSERM - L43: Troubleshooting.

----- Mon; 2nd Mar, 2026

- **Internal training**
- Labomac Laboratory ----- Tue 3rd Mar, 2026



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Laboratory Management - Part 2

- MSERM - L40: Minimizing and Tracking Errors in the ART Laboratory
- MSERM - L41: Emergency Planning
- MSERM - L42: Regulation, Accreditation, and Inspection Preparedness ----- Wed; 1st Apr, 2026
- **Internal training**
- Labomac Laboratory ----- Fri 3rd Apr, 2026

Laboratory Management - Part 3

- MSERM - L43: Research and Institutional Review Boards
- MSERM - L44: Ethical, Legal, and Religious Issues in Infertility Treatment
- MSERM - L45: Continuing Professional Development
- MSERM - L46: Data analysis. -----
- Mon; 4th May, 2026
- **Internal training**
- Labomac Laboratory ----- Tue 6th - 8th May, 2026

Intensive training - Part 1

- MSERM - T16: ANDROLOGY SKILLS
- MSERM - T17: EMBRYOLOGY SKILLS
- MSERM - T18: RISK MANAGEMENT/TROUBLESHOOTING AND QA IN THE IVF LAB ----- Mon; 5th Jun, 2026
- **Internal training**
- Labomac Laboratory ----- Tue, 6-9th Jun, 2026



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Intensive training - Part 2

- MSERM - T19: CRYOPRESERVATION AND VITRIFICATION
- MSERM -T20: VITRIFICATION AND WARMING
- MSERM - T21: EMBRYO BIOPSY

----- Mon; 2nd Jul, 2026

- **Internal training**
- Labomac Laboratory ----- Tue, 3-6th Jul, 2026

Intensive training - Part 3

- MSERM - T22: Laser Hatching and – Biopsy
- MSERM -T23: Gamete and Embryo – Cryopreservation
- MSERM - T24: Reproductive Genetics.

----- Mon; 5th Aug, 2026

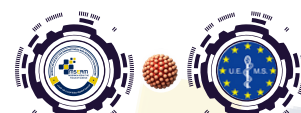
- **Internal training**
- Labomac Laboratory ----- Tue, 6-9th Aug, 2026

Intensive training - Part 4

- MSERM - T25: Freezing techniques
- MSERM -T26: Transfer embryo technique.
- MSERM - T27: Culture creation

----- Mon; 2nd Sep, 2026

- **Internal training**
- Labomac Laboratory ----- Tue, 3-6th Sep, 2026



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Final exam - last part

- Internal training
- Labomac Laboratory ----- Tue, 6-9th Oct, 2026
- 24 Exam for Lessons ; Online -----: Fri, 9th Oct, 2026



EXAM FOR DIPLOMA "DERGA"

Monthly Assessment Exam for the Diploma
of Clinical Embryology, Reproductive Genetics and Andrology
(Final exam - last part : Fri, 9th Oct, 2026)



Training Centre :
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EXAM DURATION: ONLY ONE HOUR
EXAM TIME: 10:00 AM TO 11:00 AM



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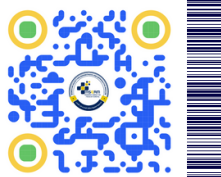
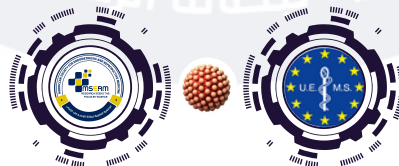
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Training diploma template



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Student ID Card template



DIPLOMA OF SENIOR CLINICAL EMBRYOLOGY, REPRODUCTIVE GENETIC & ANDROLOGY (DERGA)

STUDENT ID CARD

Accreditation by EUMS



Name : Ferhat CENGIZ

ID : DER-446-68GA

D.O.B : 1/10/2024

P.T.C : Labomac - IVF Institute

Country : Turkey



The Moroccan Society for Endometriosis and Reproductive Medicine "MSERM"




TERMS AND CONDITIONS

- Students must keep their student ID card with the card number when entering and leaving Labomac Training Institute, as well as when attending monthly lectures and examinations.
- A specific time must be respected in the diploma program regarding monthly exams, knowing that all results will be uploaded to EUMS monthly from the cumulative average of results monthly. Good luck to everyone.

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www.msERM.org



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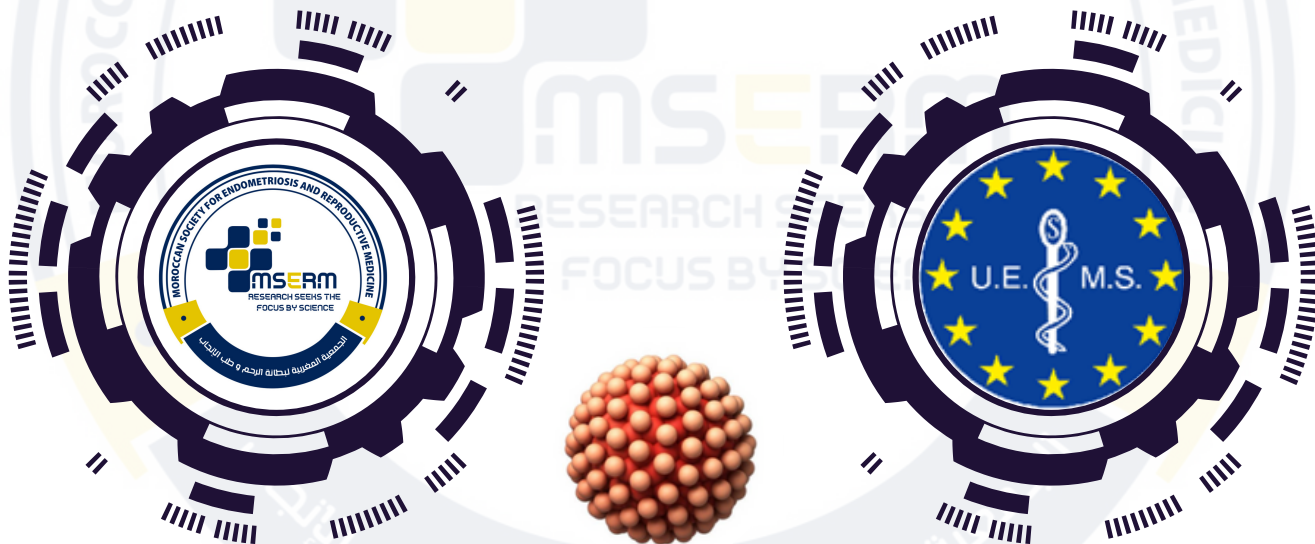
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